

## Wrapping up of the IDEADOS project

# WRAPPING UP OF THE IDEADOS PROJECT INTERNATIONAL WORKSHOP ON ENVIRONMENT, ECOSYSTEMS, DEMERSAL RESOURCES AND FISHERIES

Auditorium Parc Bit  
Palma de Mallorca (Spain)  
14-16 November 2012



## Wednesday 14 November 2012

Chairs: Pilar Olivar and Sebastià Monserrat  
Reporters: Pere Oliver, Manuel Hidalgo and Lucía Rueda

09:30. Opening

09:30-10:30. Key Speak by Enric Massutí (IEO Baleares): Towards the understanding of the influence of the environmental conditions on the demersal resources and ecosystems in the western Mediterranean: Motivations, aims and methods of the IDEADOS project (45' + 15' for questions)

10:30-11:00. Coffee break

11:00-11:30. Housing arrangement and reception of first draft of manuscripts\*

11:30-13:00. Scientific contributions (20' + 10' for questions)

11:30-12:00. Wolfgang Fennel (Leibniz Institute for Baltic Sea Research, Germany): Modelling nutrient to fish model – an Eulerian approach

12:00-12:30. Anne Lebourges-Dhaussy (Institut de Recherche pour le Développement, Brest, France): Contribution of multifrequency acoustic methods in understanding the functioning of ecosystems

12:30-13:00. Antonina dos Santos (Instituto Português do Mar e da Atmosfera, Lisboa, Portugal): Decapod larval retention and dispersal in the Gulf of Cadiz and Western Mediterranean

13:00-15:00. Lunch

15:00-19:00. Scientific contributions (20' + 10' for questions)

15:00-15:30. Francesco Colloca (Università "La Sapienza", Roma, Italia): "Some like it hot: *Parapenaeus longirostris* and climate change in the central Mediterranean Sea"

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- 15:30-16:00. Joan Baptista Company (CSIC- Institut de Ciències del Mar, Barcelona): Natural and antropogenic drivers on the ecological dynamics of the Northwestern Mediterranean continental margin
- 16:00-16:30. Renate Scharek (IEO Gijón): FAMOSO (Fate of the northwestern Mediterranean open sea spring bloom), an investigation project on oceanic plankton and biogeochemical dynamics north of the IDEADOS area
- 16:30-17:00. Coffee break
- 17:00-17:30. Rosa Balbín (IEO Baleares): Inter-annual variability of dissolved oxygen values around the Balearic Islands
- 17:30-18:00. Ángel Amores (UIB): Temporal variability of hydrodynamics conditions of two regions north and south of Mallorca Island
- 18:00-18:30. Catalina Pascual (UIB): Organic matter fluxes to the nekton-benthic communities of the Majorca continental slope (western Mediterranean): Influence of the environment on the spatio-temporal variability
- 18:30-19:00. Mari Luz Fernández de Puelles (IEO Baleares): Main characteristics of zooplankton community in two oligotrophic areas of the Central Western Mediterranean: late autumn and summer conditions.

## Thursday 15 November 2012

Chairs: Anne Lebourges Dhaussy and Antonina dos Santos  
Reporters: Pere Oliver, Manuel Hidalgo and Lucía Rueda

- 09:30-10:30. Key Speak by Dr. Julian Koslow (Scripps Institution of Oceanography, USA): Mesopelagic fishes, environmental forcing, and food web dynamics in the California Current (45' + 15' for questions)
- 10:30-11:00. Coffee break
- 11:00-13:00. Scientific contributions (20' + 10' for questions)
- 11:00-11:30. Asvin P. Torres (IEO Baleares): Decapod crustacean larval communities in the western Mediterranean: composition and vertical distribution patterns
- 11:30-12:00. M. Pilar Olivar (CSIC-ICM): Diel-depth distributions of fish larvae off the Balearic Islands (western Mediterranean) under two environmental scenarios
- 12:00-12:30. Magdalena Iglesias (IEO Baleares): Improving empirical ground truthing for interpreting plankton echoes
- 12:30-13:00. Daniela Simao (CSIC-ICM): Vertical and seasonal distribution of pelagic decapods crustaceans on the shelf-break and slope in two zones around Mallorca (western Mediterranean Sea)
- 13:00-15:00. Lunch

15:00-18:30: Scientific contributions (20 min + 10 min for questions)

15:00-15:30. Montserrat Ramón (IEO Baleares): Epi-benthic communities in two contrasting areas of the Balearic Islands

15:30-16:00. Toni Quetglas (IEO Baleares): Are pelagic cephalopods in the Mediterranean as abundant as suggests the stomach contents of their predators?

16:00-16:30. Beatriz Morales (CSIC-UIB-IMEDEA): Is European hake auto-recruiting in the Balearic Islands?

16:30-17:00. Coffee break

17:00-17:30. María Valls (IEO Baleares): Structure and dynamics of food webs along the water column in the western Mediterranean elucidated by stable nitrogen and carbon isotope data.

17:30-18:00. M. Pilar Olivar (CSIC-ICM): Trophic position of meso-pelagic fishes in the western Mediterranean

18:00-18:30. Lucía Rueda (IEO Baleares): The role of environment on body condition of deep-sea demersal species

Evening. Social dinner Restaurant Cal Dimoni

## Friday 16 November 2012

Chairs: Francesco Colloca and Pere Abello

Reporters: Pere Oliver, Manuel Hidalgo and Lucía Rueda

09:30-10:30. Key Speak by Dr. Geir Ottersen (Institute of Marine Research, Norway): Environmental effects on fish populations: Some principles, some examples, and comparisons between large ecosystems from the Mediterranean to the Barents Sea (45' + 15' for questions)

10:30-11:00. Coffee break

11:30-13:30. Scientific contributions (20' + 10' for questions)

11:00-11:30. Ángel Amores (UIB): Relationship between abundance of red shrimp (*Aristeus antennatus*) and hydrodynamic conditions around Mallorca

11:30-12:00. Manuel Hidalgo (IEO Baleares): Non-stationary synchrony and asynchrony in a deep sea population: Climate, fishing and population-dependent drivers

12:00-12:30. Marta Díaz-Valdés (IEO Baleares): Trophic model of the Balearic Islands ecosystem; analysis of fishing impact.

12:30-13:30. Workshop conclusions: Pere Oliver (IEO Baleares)

13: 30. Workshop closure